



**Figure 2.** Shaded-relief index of Alaska (without Aleutian Islands inset or lakes) showing locations of physiographic features discussed in text. Numbered features are as follows:

- |    |   |     |  |
|----|---|-----|--|
| 1  | Areas of low relief on Kupreanof Island, in part, underlain by less resistant rocks | 60  | Aniakchak Crater (caldera)   |
| 2  | Coast plutonic complex; Geologically young intrusive igneous rocks                  | 61  | Mount Veniaminof volcano   |
| 3  | Chatham Strait, a fiord underlain by Chatham Strait fault                           | 62  | Moraines of valley glaciers  |
| 4  | Mount Edgecumbe volcanic field on southern part of Kruzof Island                    | 63  | Moraine at head of Cold Bay  |
| 5  | Onshore extension of Denali fault near Juneau                                       | 64  | Moraine at head of Morzhovoi Bay   |
| 6  | Juneau Icefield   | 65  | Makushin Volcano   |
| 7  | Glacier Bay   | 66  | Goodnews fault   |
| 8  | Peril Strait (S) and Sitkoh Bay faults on northern part of Baranof Island           | 67  | Denali-Farewell faults   |
| 9  | Brady Glacier   | 68  | Holitna Lowland  |
| 10 | Icy Cape  | 69  | Prominent, NW-trending lineament in Alaska Range   |
| 11 | Lituya Bay  | 70  | Estuary at mouth of Kuskokwim River  |
| 12 | Fairweather fault   | 71  | Yukon-Kuskokwim Coastal Lowland  |
| 13 | Coastal lowlands near Alsek River   | 72  | Nobs of resistant igneous rocks  |
| 14 | Yakutat Bay   | 73  | Quaternary basalt cones on Nunivak Island  |
| 15 | Possible fault valley on Canadian border  | 74  | Iditarod-Nixon Fork fault  |
| 16 | Malaspina Glacier   | 75  | Delta of Yukon River   |
| 17 | Icy Bay   | 76  | Nulato Hills   |
| 18 | Mount Saint Elias   | 77  | Kaltag fault   |
| 19 | Valley containing Contact and Bagley faults   | 78  | Koyukuk Flats  |
| 20 | Bagley Icefield   | 79  | Barrier islands, Seward Peninsula  |
| 21 | Bering Glacier  | 80  | Fault-bounded Bendeleben (NE) and Kigluaik Mountains   |
| 22 | Okalee Spit   | 81  | N-striking faults on eastern part of Seward Peninsula  |
| 23 | Delta of Copper River   | 82  | Baldwin Peninsula  |
| 24 | Chitina River fault valley  | 83  | Rugged relief developed locally on resistant, igneous and metamorphic rocks at and around intrusions |
| 25 | Mount Sanford volcano   | 84  | Highlands of resistant metamorphic rocks   |
| 26 | Mount Drum volcano  | 85  | ENE-trending Tozitna fault   |
| 27 | Mount Wrangell volcano  | 86  | Minook Creek fault   |
| 28 | Copper River valley   | 87  | Unnamed fault parallel to Shaw Creek fault   |
| 29 | Copper River basin  | 88  | NE-trending Shaw Creek fault   |
| 30 | Montague Island   | 89  | Lineaments of Yukon-Tanana Upland  |
| 31 | Columbia Glacier  | 90  | Tintina fault  |
| 32 | Submerged, glacially eroded topography of Kenai Peninsula                           | 91  | South margin of Yukon Flats, possibly fault controlled   |
| 33 | Tazlina Lake  | 92  | Itkillik River valley  |
| 34 | Rainy Creek thrust fault  | 93  | Anaktuvuk River valley   |
| 35 | Denali fault  | 94  | Killik River valley  |
| 36 | Delta River valley  | 95  | Chandalar River valley   |
| 37 | Tok River valley  | 96  | E-trending, Kobuk-Malamute fault system  |
| 38 | Nenana River valley   | 97  | Fault system parallel to Kobuk-Malamute fault system   |
| 39 | Granite Mountain pluton   | 98  | Possible convergence of Kobuk-Malamute fault system and parallel fault system                        |
| 40 | Mount McKinley  | 99  | Bear Mountain pluton   |
| 41 | Mount Foraker   | 100 | Ammerman Mountain pluton   |
| 42 | Valleys of Sheep (SW) and Talkeetna Rivers  | 101 | Noatak Lowlands  |
| 43 | Knik (SW) and Matanuska Glaciers  | 102 | E-trending folds and faults of Arctic Foothills  |
| 44 | Castle Mountain fault   | 103 | Reverse-Z-shaped ridge produced by plunging folds  |
| 45 | Elmendorf moraine   | 104 | NW topographic trends of central Brooks Range  |
| 46 | Cook Inlet basin  | 105 | NE-trending Leffingwell ridge  |
| 47 | Border Ranges fault   | 106 | Sadlerochit Mountains  |
| 48 | Mount Spurr volcano   | 107 | Camden Bay   |
| 49 | Redoubt Volcano   | 108 | Aeolian dunefield  |
| 50 | Iliamna Volcano   | 109 | Unconsolidated Quaternary deposits of Arctic Coastal Plain   |
| 51 | Augustine Volcano   | 110 | Barrier islands, Beaufort Sea coastline  |
| 52 | Lake Clark fault  |     |  |
| 53 | Iliamna Lake  |     |  |
| 54 | Mount Douglas volcano   |     |  |
| 55 | Naknek Lake   |     |  |
| 56 | Mount Katmai volcano (caldera)  |     |  |
| 57 | Becharof Lake   |     |  |
| 58 | Faults on Kodiak Island   |     |  |
| 59 | Mount Peulik volcano  |     |  |